

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 08109156 A

(43) Date of publication of application: 30.04.1996

(51) Int. Cl. C07C211/50

A01N 33/06, A01N 33/10, C07C211/52, C07C217/84, C07C323/77

(21) Application number: 06245990

(22) Date of filing: 12.10.1994

(71) Applicant: SUMITOMO CHEM CO LTD

(72) Inventor: MATSUI SANSHIRO

SUZUKI MASAYA

SAKAMOTO NORIYASU

TSUSHIMA KAZUHIRO

UMEDA KIMITOSHI

(54) DIHALOPROPENE COMPOUND AND
INSECTICIDAL MITICIDE CONTAINING THE
COMPOUND AS ACTIVE COMPONENT

(57) Abstract:

PURPOSE: To provide a dihalopropene compound useful as an active component for insecticidal miticide.

CONSTITUTION: This dihalopropene compound is expressed by formula I [A is $R_1CH(R_{10})$ (R_1 is H, a halogen, etc.; R_{10} is H or an alkyl), etc.; R_2 , R_3 and R_4 are each H, a halogen, a 1-3C alkyl or trifluoromethyl; R_5 is H or a 1-3C alkyl; X is Cl or Br; Y is O, NH or SJ, e.g. 3-chloro-4-(4-chlorobenzylamino)-1-(3,3-dichloro-2-propenyloxy)benzene. The compound of formula I can be produced by reacting a compound of formula II with a halide compound of formula L-A (L is a halogen, mesyloxy or tosyloxy) in the presence of a base (e.g. sodium bicarbonate) in a solvent (e.g. wa-

ter) at -5 to +100°C. The compound is effective for the control of pest insects of the order Hemiptera, Lepidoptera, Diptera and Coleoptera, mites, etc.

COPYRIGHT: (C)1996,JPO

